



PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/650,465	
	Filing Date	August 27, 2003	
	First Named Inventor	Brian D. JOHNSON	
	Art Unit	Not Yet Assigned	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	306812002201

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO-1449 (3 pages) 2. Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Customer No. 25226
	MORRISON & FOERSTER LLP Alan S. Hodes 38,185
Signature	
Date	November 20, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 11/20/03

Signature: (Carolyn G. McKubre)



PATENT
Docket No.: 306812002201
Client Ref: A697 Continuation

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
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Carolyn McKubre

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Brian D. JOHNSON et al.

Serial No.: 10/650,465

Filing Date: August 27, 2003

For: USE OF DANGLING PARTIAL LINES
FOR INTERFACING IN A PLD

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of documents numbered 1-34, 36-38, and 40-48 were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 10/140,911, filed May 6, 2002, and, accordingly, copies are not included herewith. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R.

§1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of references 35 and 39 are not submitted. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of __ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of __ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **306812002201**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 20, 2003

Respectfully submitted,

By:  _____

Alan S. Hodes
Registration No. 38,185

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 306812002201

Application Number 10/650,465

Applicant

Brian D. JOHNSON et al.

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Group Art Unit Not Yet Assigned

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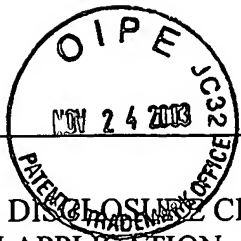
U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	10/25/2001	2001/0033188	Aung et al.			
	2.	09/26/1989	4,870,302	Freeman			
	3.	10/03/1989	4,871,930	Wong et al.			
	4.	06/09/1992	5,121,006	Pedersen			
	5.	08/31/1993	5,241,224	Pedersen et al.			
	6.	09/07/1993	5,243,238	Kean			
	7.	11/09/1993	5,260,611	Cliff, et al.			
	8.	10/25/1994	5,359,536	Agrawal et al.			
	9.	10/03/1995	5,455,525	Ho, et al.			
	10.	01/16/1996	5,485,103	Pedersen, et al.			
	11.	07/16/1996	5,537,057	Leong, et al.			
	12.	07/30/1996	5,541,530	Cliff, et al.			
	13.	08/27/1996	5,550,782	Cliff et al.			
	14.	09/17/1996	5,557,217	Pedersen			
	15.	12/03/1996	5,581,199	Pierce, et al.			
	16.	01/07/1997	5,592,106	Leong, et al.			
	17.	10/28/1997	5,682,107	Tavana, et al.			
	18.	11/18/1997	5,689,195	Cliff, et al.			
	19.	12/23/1997	5,701,091	Kean			
	20.	01/06/1998	5,705,939	McClintock, et al.			
	21.	06/02/1998	5,760,604	Pierce et al.			
	22.	12/08/1998	5,847,579	Trimberger			
	23.	03/09/1999	5,880,598	Duong			
	24.	05/11/1999	5,903,165	Jones et al.			
	25.	05/25/1999	5,907,248	Bauer, et al.			
	26.	06/01/1999	5,909,126	Cliff, et al.			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



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27.	06/22/1999	5,914,616	Young, et al.
28.	08/24/1999	5,942,913	Young, et al.
29.	11/02/1999	5,977,793	Reddy et al.
30.	12/14/1999	6,002,268	Sasaki et al.
31.	07/04/2000	6,084,429	Trimberger
32.	08/22/2000	6,107,824	Reddy, et al.
33.	03/20/2001	6,204,690	Young, et al.
34.	04/17/2001	6,218,859	Pedersen
35.	08/21/2001	6,278,291	McClintock, et al.
36.	09/11/2001	6,289,412	Yuan et al.
37.	09/18/2001	6,292,018	Kean
38.	10/09/2001	6,300,794	Reddy, et al.
39.	11/19/2002	6,484,291	Amiya et al.
40.	08/12/2003	6,605,962	Lee et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	41.	Altera Corporation (June 1996). "Max 7000: Programmable logic device family" <u>Data Book, A-DB-0696-01</u> , version 4, pp. 193-261.
	42.	Altera Corporation (October 2001). Excalibur "Description of the The Floor plan", pp. 1-1 through 1-10.
	43.	Betz, V. et al., eds. (1999) "Background and Previous Work," Chapter 2 <u>In Architecture and CAD for Deep-Submicron FPGAs</u> , Kluwer Academic, Boston pp. 12-18.
	44.	Betz, V. et al., eds. (1999). "Routing Tools and Routing Architecture Generation," Chapter 4 <u>In Architecture and CAD for Deep-Submicron FPGAs</u> , Kluwer Academic, Boston, pp. 63-95.
	45.	Betz, V. et al., eds. (1999). "Detailed Routing Architecture," Chapter 7 <u>In Architecture and CAD for Deep-Submicron FPGAs</u> , Kluwer Academic, Boston, pp. 151-190.

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| 46. | Betz, V. et al., eds. (1999). "Global Routing Architecture," Chapter 5 In <u>Architecture and CAD for Deep-Submicron FPGAs</u> , Kluwer Academic, Boston, pp. 105-126. |
| 47. | Xilinx. (November 2000). "Programmable Logic: News and Views, a montly report on developments in the PLD/FPGA industry" <i>Electronic Trend Publications, Inc.</i> , IX(11):14-15. (Includes Table of Contents). |
| 48. | Xilinx. (October 2000) "Putting It All the Together. The Vitrex-II Series Platform FPGA: World fastest logic and routing" Xilinx brochure, p. 83. |

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